

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In Re The Application of: |) |
|---|-------------------------------|
| Michael F. Morganelli et al. |) |
| Serial No.: 09/483,759 |) Examiner: Kendall, Chuck O. |
| Filed: January 14, 2000) For: Method and Apparatus for Detecting) and Resolving Circular Flow Paths in) | Art Unit: 2122 RECEIVED |
| |) Alt Ollit: 2122 RECEIVED |
| | ı) JUL 1 3 2004 |
| Graphical Programming Systems | Technology Center 2100 |
| | Cesari and McKenna, LLP |
| | 88 Black Falcon Avenue |
| | Boston, MA 02210 |
| | June 30, 2004 |

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Patent and Trademark Office/SB/17 (10-03) Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|-----------|---|--------------------------------------|---|--|--|--|
| FEE TRANS | FEE TRANSMITTAL | Complete if Known | | | | |
| | FOF FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision. Applicant Claims Small Entity Status. See 37 CFR 1.27 | Application Number | 09/483,759 | | | |
| | | Filing Date | January 14, 2000 | | | |
| | | First Named Inventor | Michael F. Morganelli et al. | | | |
| | | Examiner Name | Kendall, Chuck O. | | | |
| | Applicant Gains Small Entity Status. See 57 Cl 17 1.27 | Group Art Unit | 2122 R-CEVE | | | |
| | TOTAL AMOUNT OF PAYMENT (\$) 594 | Attorney Docket No. | 120017-0010 | | | |

| TOTAL AMOUNT OF PATIMENT (\$) 594 | <u> </u> | Attorr | ney L | ocket | NO. 130017-0010 | |
|---|--------------|----------------------|-------------------|-----------|--|-------------|
| METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) | | | | | | |
| Check Credit Card Money Other None | | | 2 ADDITIONAL FEED | | | |
| Deposit Account Order | 1 | | | all Entit | Lechnology C | enter 2 |
| Deposit 03-1237 | Fee | Fee | Fee | Fee | | ee Paid |
| Account | Code | | Code | (\$) | r ee Description | ee raiu |
| Number | 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| Deposit Cesari and McKenna, LLP | 1052 | 50 | 2052 | | Surcharge - late provisional filing fee or cover | |
| Account | | | | | sheet | |
| Name The Commissioner is authorized to: (check all that apply) | 1053 | 130 | 1053 | 130 | Non-English Specification | |
| The Commissioner is authorized to: (check all that apply) Charge any deficiency or | | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| Charge fee indicated below Credit any overpayments | 1804 | 920 | 1804 | 920* | Requesting publication of SIR prior to | |
| Charge any additional fee(s) during the pendency of this application | | | | | Examiner action | |
| Charge fee(s) indicated below, except for the filing fee to the above- | 1805 | 1,840 | 1805 | 1,840* | Requesting publication of SIR after | |
| dentified deposit account. | 4254 | 440 | 2254 | | Examiner action | |
| FEE CALCULATION | 1251 | | 2251 | | Extension for reply within first month | |
| TEE CALCULATION | 1252 | | 2252 | 205 | Extension for reply within second month | |
| I. BASIC FILING FEE | 1253 | | 2253 | 465 | Extension for reply within third month | |
| _arge Entity Small Entity | 1254 | 1,450 | l | 725 | Extensiion for reply within fourth month | |
| ee Fee Fee Fee Fee Description Fee Paid | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| Code (\$) Code (\$) | 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 001 750 2001 375 Utility filing fee | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 002 330 2002 165 Design filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1003 520 2003 260 Plant filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1004 750 2004 375 Reissue filing fee | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1005 160 2005 80 Provisional filing fee | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| SUBTOTAL (1) (\$) 0 | 1501 | 1,300 | 2501 | 650 | Utility Issue fee (or reissue) | |
| | 1502 | 470 | 2502 | 235 | Design Issue fee | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | 630 | 2503 | 315 | Plant Issue fee | |
| Extra Fee from Claims below Fee Paid | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| ndependent 8 - 3** = 5 x 86 = 430 | 8021 | 40 | 8021 | 40 | Recording each patent assignment per | |
| Multiple Dependent = 0 | l | | | | property (times number of properties) | |
| Large Entity Small Entity | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection | |
| Fee Fee Fee Fee Description | | | | | (37 CFR 1.129(a)) | |
| Code (\$) Code (\$) | 1810 | 750 | 2810 | 375 | | |
| 202 | l | | | | examined (37 CFR 1.129(b)) | |
| 203 280 2203 140 Multiple dependent claim, if not paid | 1801 | | 2801 | | Request for Continued Examination (RCE) | |
| 204 84 2204 42 **Reissue independent claims over | 1802 | 900 | 1802 | 900 | Request for expedited examination | |
| original patent | | r foc /- | nacie · | | of a design application | 110 |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent | II . | r fee (s r fee (s | | | atutory Disclaimer | |
| SUBTOTAL (2) (\$) 484 | OUDTOTAL (O) | | | | | |
| **or number previously paid, if greater, For Reissues, see below **Reduced by Basic Filing Fee Paid \$SUBTOTAL (3) (\$) 110 | | | | | | 110 |
| SUBMITTED BY Complete (if applicable) | | | | | | |
| VV0:::::LU U ! | | | | _ | Complete (ii applicable) | |

Registration No. Name (Print/Type) Stephen E. Kabakoff 51,276 (617) 951-2500 Telephone (Attorney/Agent) Signature Signature Date June 30, 2004

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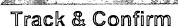
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